



Docket No.: 050103-0560

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 49745
Charles Frederick BRUCKER, et al.	:	Confirmation Number: 8401
Application No.: 10/676,105	:	Group Art Unit: 1753
Filed: October 02, 2003	:	Examiner: McDonald, Rodney Glenn
For: GAS INJECTION FOR UNIFORM COMPOSITION REACTIVELY SPUTTER- DEPOSITED THIN FILMS		

POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated October 2, 2003, a copy of which is attached hereto, hereby appoints Seagate Technology LLC; and the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NUMBER 49745

Please send all correspondence associated with Customer Number 49745 to:

John A. Hankins
McDERMOTT WILL & EMERY LLP
600 13th Street, N.W.
Washington, DC 20005-3096
Telephone: (202)756-8000
Respectfully submitted,

Dated: 10/24/06

By: Raghunath S. Minisandram

Name: Raghunath S. Minisandram, Esq.
Title: Sr. Director of Intellectual Property



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Charles Frederick Brucker et al.

Application No./Patent No.: 10/676,105

Filed/Issue Date: October 2, 2003

Entitled: GAS INJECTION FOR UNIFORM COMPOSITION REACTIVELY SPUTTER-DEPOSITED THIN FILMS

SEAGATE TECHNOLOGY LLC, a Limited Liability Company,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 014578, Frame 0033, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached..

[NOTE:] A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

10/24/06
Date

Raghunath S. Minisandram
Signature

Raghunath S. Minisandram, Esq.
Typed or printed name

Sr. Director of Intellectual Property
Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 06, 2004

PTAS



102574224A

MCDERMOTT, WILL & EMERY
AARON WEISSTUCH
600 13TH STREET, N.W.
WASHINGTON, DC 20005-3096

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/02/2003

REEL/FRAME: 014578/0033
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BRUCKER, CHARLES FREDERICK

DOC DATE: 09/22/2003

ASSIGNOR:

MCLEOD, PAUL S.

DOC DATE: 09/23/2003

ASSIGNOR:

YI, CHANG

DOC DATE: 09/23/2003

ASSIGNEE:

SEAGATE TECHNOLOGY LLC
920 DISC DRIVE
P.O. BOX 66360
SCOTTS VALLEY, CALIFORNIA
95067-
0360

RECEIVED

MAY 12 2004

MCDERMOTT, WILL & EMERY

014578/0033 PAGE 2

SERIAL NUMBER: 10676105
PATENT NUMBER:

FILING DATE: 10/02/2003
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-15-2003

FORM PTO-1595
(Rev. 10/02)

RECORD/

J.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50103-560

10-2-03

102574224

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Charles Frederick BRUCKER, Paul S. MCLEOD, Chang YI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: September 22, September 23, September 23,
2003

2. Name and address of receiving party(ies):

Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive

P.O. Box 66360

Scotts Valley, CA 95067-0360

Additional name(s) & address(es) attached? ☐ Yes ☐ No31108 U.S. PTO
10/676105
100203

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

September 22, September
23, September 23, 2003

A. Patent Application No(s).

10676105

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy
of the original document.*

Aaron Weisstuch, 41,557

October 2, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet:

4

OMB No. 0651-0027 (exp. 6/30/2005)

10/14/2003 LNUELLER 00000138 500417 10676105

01 FC:6021

40.00 DA

Docket No.: 50103-560

ASSIGNMENT

WHEREAS WE, CHARLES FREDERICK BRUCKER; PAUL S. MCLEOD; and CHANG YI of Pleasanton, California; Berkeley, California and Fremont, California; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled GAS INJECTION FOR UNIFORM COMPOSITION REACTIVELY SPUTTER-DEPOSITED THIN FILMS, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

SARALYN D. BROWN
Commission # 228544
Notary Public - California
Santa Clara County
My Comm. Expires Nov30, 2014

STATE OF California)
COUNTY OF Alameda) SS:

On this 23 day of September, 2003 before me personally appeared Chang Yi, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Heather R. Baker
Notary Public

